



# Message from the convener

Welcome to the Short Course in Critical Infection 2018.

We would like to thank all of the speakers presenting their work over the next 2 days and we are grateful to those who have travelled to be here for the short course.

Special thanks to our program committee for their time and contributions.

We acknowledge and pay our respects to the traditional custodians of the country on which we stand and our responsibility to respect and care for country, people and spirit.

Prof. Jon Iredell

Program Committee; Dr Jeremy Brown, Dr Pierre Janin, A/Prof. Nai An Lai, Dr Marianne Martinello, Prof. Ian Seppelt, Dr Amith Shetty



## Survey

At the end of the course please take 2 minutes to complete the survey by scanning the code or following the link to our website, [sydney.edu.au/medicine/criticalinfection/events](https://sydney.edu.au/medicine/criticalinfection/events)

**We value your feedback**

**Thank you**

# Program Thursday 8<sup>th</sup> November 2018

<b>0815-0850</b>	<b>Registration/tea &amp; coffee</b>	
<b>0850-0900</b>	Introduction	Prof. Jon Iredell
<b>Diagnostics</b>		
<b>Chair: Jon Iredell</b>		
<b>0900-0930</b>	TDM for beta lactams – state of the art	Dr Indy Sandaradura
<b>0930-1000</b>	Disease severity scores, screening tools and time-critical dilemmas in ED sepsis management	Dr Amith Shetty
<b>1000-1030</b>	Morning Tea – served upstairs on level 2	
<b>Immunocompromised Host</b>		
<b>Chair: Marianne Martinello</b>		
<b>1030-1100</b>	Can we do better in preventing infection in liver transplant patients?	Dr Rebecca Davis
<b>1100-1130</b>	Cellular therapy for opportunistic viral and fungal pathogens – state of the art	Dr Emily Blyth
<b>1130-1200</b>	Update on simultaneous kidney pancreas transplant and the long-term complications	A/Prof. Germaine Wong
<b>1200-1230</b>	Biologicals and Infections: An Update	Dr Lou Cooley
<b>1230-1300</b>	Challenging infections in Paediatric Cystic Fibrosis patients	A/Prof. Paul Robinson
<b>1300-1345</b>	Lunch – served upstairs on level 2	
<b>Antimicrobial treatment and resistance in the critically ill</b>		
<b>Chair: Lou Cooley</b>		
<b>1345-1415</b>	The emergence and spread of vanA VRE in Australia	A/Prof. Sebastian van Hal
<b>1415-1445</b>	Update on Antifungal Resistance and Therapy	Dr Brendan McMullan
<b>1445-1515</b>	A, B, C... Viral Hepatitis in Critical Care	Dr Marianne Martinello
<b>1515-1545</b>	Update on Gram Negative Infection	Dr Jeremy Brown
<b>1545-1615</b>	Canapes and Drinks	
<b>1615-1645</b>	Debate topic; There's no role for Antimicrobial Stewardship in the critically ill. Debate adjudicator – participant from the floor	
<b>3 mins per speaker</b>	For (There's no role) Jon Iredell, Indy Sandaradura, Jeremy Brown Against (There's a role) Nai An Lai, Tom Solano, Ashima Sharma	

# Program Friday 9<sup>th</sup> November 2018

## Therapeutics

Chair: Jeremy Brown

0900-0930	Duration of antimicrobial therapy in ICU related infections	Dr Tom Solano
0930-1000	Severe Pneumonia: Guidelines and Beyond	A/Prof. Nai An Lai
1000-1030	Treatment of severe Staphylococcus aureus infections with bacteriophage therapy - Westmead experience	Dr Aleksandra Petrovic Fabijan Ms Josephine Ho
1030-1100	Morning tea – served upstairs on level 2	

## ID and ICU - Top 10 things you need to know

Chair: Nai An Lai

1100-1130	What ID Physicians need to know about intensive care	A/Prof. Ian Seppelt
1130-1145	Why don't my antibiotics work?	Dr Midge Asogan
1145-1200	Title: Ten (or so) New Things in Sepsis	A/Prof. Nai An Lai
1200-1230	What Intensivists needs to know about ID	Prof. Jon Iredell
1230-1245	Colonisation and Infection; the dynamic nature of normal flora	Dr Tim Gilbey
1245-1300	The role of the micro lab is to hide information	Dr Archana Koirala
1300-1345	Lunch – served upstairs on level 2	

## Cases

Chair: Ian Seppelt

1345-1405	HAART-associated necrotising pancreatitis and MODS, CMV viraemia, cerebral toxoplasmosis, invasive candidiasis and pseudomonas colonisation	Dr Loki Johnk
1405-1425	Necrotising Skin and soft tissue infections : A review of concepts, management and evidence	Dr Ashima Sharma
1425-1455	Angio-invasive fungal infection causing ischaemic stomach, colon and MODS	Dr Sadie Callahan
1455-1515	Intra-abdominal challenges	Dr Aditee Parab
1515-1520	Close	Prof. Jon Iredell
1520-1540	Afternoon tea	



**Dr Indy Sandaradura**

ID Physician & Clinical Microbiologist at Westmead Hospital; Clinical Senior Lecturer at University of Sydney



**Dr Amith Shetty**

Staff Specialist, Westmead Hospital  
Director, Hospital in the Home, WSLHD  
Honorary Research Fellow, Westmead Millennium Institute, Clinical Adviser, eHealth NSW, Clinical Senior lecturer, University of Sydney.



**Dr Rebecca Davis**

Senior Staff Specialist, Department of Infectious Diseases and Microbiology, Royal Prince Alfred Hospital



**Dr Emily Blyth**

Haematologist, Westmead Hospital  
NHMRC Post-Doctoral Fellow and Senior Lecturer  
Westmead Institute for Medical Research, University of Sydney  
Deputy Medical Director, Sydney Cellular Therapies Laboratory



**Associate Professor Germaine Wong**

Transplant nephrologist, The Westmead Institute for Medical Research



**Dr Lou Cooley**

Director, Department of Microbiology and Infectious Diseases, Royal Hobart Hospital



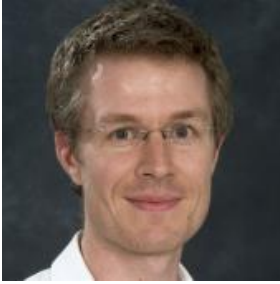
**Dr Paul Robinson**

Respiratory Staff Specialist, The Children's Hospital, Westmead  
Research Associate, Airways Physiology and Imaging group, Woolcock Medical Research Institute



**Associate Professor Sebastian van Hal**

Senior Staff Specialist Department Microbiology and Infectious Diseases, Royal Prince Alfred Hospital



**Dr Brendan McMullan**

Paediatric Infectious Diseases Specialist and Microbiologist, Sydney Children's Hospital, Randwick  
Conjoint senior lecturer, School of Women's and Children's Health at UNSW



**Dr Marianne Martinello**

Lecturer, Viral Hepatitis Clinical Research Program, Kirby Institute  
Infectious Diseases Physician, Blacktown Mt Druitt Hospital, Sydney



**Dr Jeremy Brown**

Infectious Diseases Physician & Clinical Microbiologist, Blacktown and Nepean hospitals



**Professor Jon Iredell**

Conjoint Professor of Medicine and Microbiology, University of Sydney  
Senior staff specialist, Infectious Diseases and Microbiology, Westmead Hospital and NSW Pathology



**Associate Professor Nai An Lai**

Director of Intensive Care, Mater Hospital, Brisbane  
Associate Professor, Griffith University



**Dr Tom Solano**

VMO at Westmead NSW, Orange Health Service.  
Private Practice at Calvary Wakefield and Calvary  
North Adelaide



**Dr Aleksandra Petrovic Fabijan**

Phage Biologist, The Westmead Institute of Medical  
Research



**Ms Josephine Ho**

Registered Nurse Phage Therapy Research Coordinator  
Westmead Hospital





**Associate Professor Ian Seppelt**

Senior Specialist in Intensive Care Medicine, Nepean Hospital and Sydney Medical School, University of Sydney  
Faculty of Medicine and Health Sciences, Macquarie University



**Dr Midge Asogan**

Provisional fellow intensive care medicine,  
Nepean Hospital



**Dr Tim Gilbey**

Microbiology registrar, Nepean Hospital



**Dr Archana Koirala**

Paediatric Infectious Diseases and General Paediatric Trainee, Neonatal ICU, Children's Hospital, Westmead



**Dr Loki Johnk**  
Intensive Care Fellow, Mater Hospital, Brisbane



**Dr Ashima Sharma**  
Fellow, Intensive Care Medicine

**Dr Sadie Callahan**  
ICU Registrar and ECHO Fellow, Mater Hospital.



**Dr Aditee Parab**  
Intensive Care fellow



THE UNIVERSITY OF  
**SYDNEY**

**For more information**

**<http://sydney.edu.au/medicine/criticalinfection>**

**E [critical.infection@sydney.edu.au](mailto:critical.infection@sydney.edu.au)**